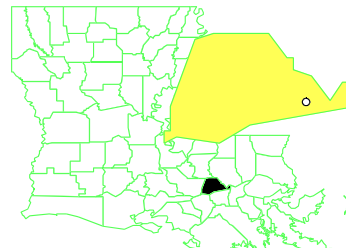


**DUTCHTOWN TREATMENT PLANT**  
**Ascension Parish, Louisiana**

**EPA Region 6**  
**EPA ID# LAD980879449**  
**State Congressional District: 6**  
**Fact Sheet Updated: April 2003**  
**Next Update: June 2003**



**SITE DESCRIPTION** \_\_\_\_\_

- Location:
- Dutchtown, Ascension Parish, Louisiana.
  - Location at the juncture I-10 and Highway 74.
- Population:
- 4,000 people live within three miles of the site.
- Setting:
- Site had ten storage tanks, a rail car tanker, a 0.07 acre oil pit, and a 0.8 acre holding pond containing oil and water.
  - Site area is five acres.
- Hydrology:
- shallow water bearing zone at 7-12 ft. depth residually contaminated (zone unused).
  - deeper water bearing zone at 30-35 ft. not contaminated (zone unused).
  - alluvial aquifer at 100-300 ft depth not contaminated (zone used).
  - Gonzales aquifer at 300-1000 ft depth not contaminated (zone used).

**PRESENT STATUS AND ISSUES** \_\_\_\_\_

- The site is currently in operation & maintenance where monitoring of ground water will continue to ensure protectiveness of the EPA cleanup actions.

**WASTES AND VOLUMES** \_\_\_\_\_

- The principal pollutants on the site are benzene, ethylbenzene, toluene, xylene, and lead.
- 449,810 gallons of waste oil from the holding pond, waste oil pit, and tanks were recovered, blended, and shipped off site for incineration.
- 3,451,999 gallons of storm water from the waste oil pit and the holding pond were treated on site in the water treatment unit.
- 4,500 cubic yards of soil were treated by soil washing on site, stabilized with fly ash, and placed as backfill into the pond and pit.

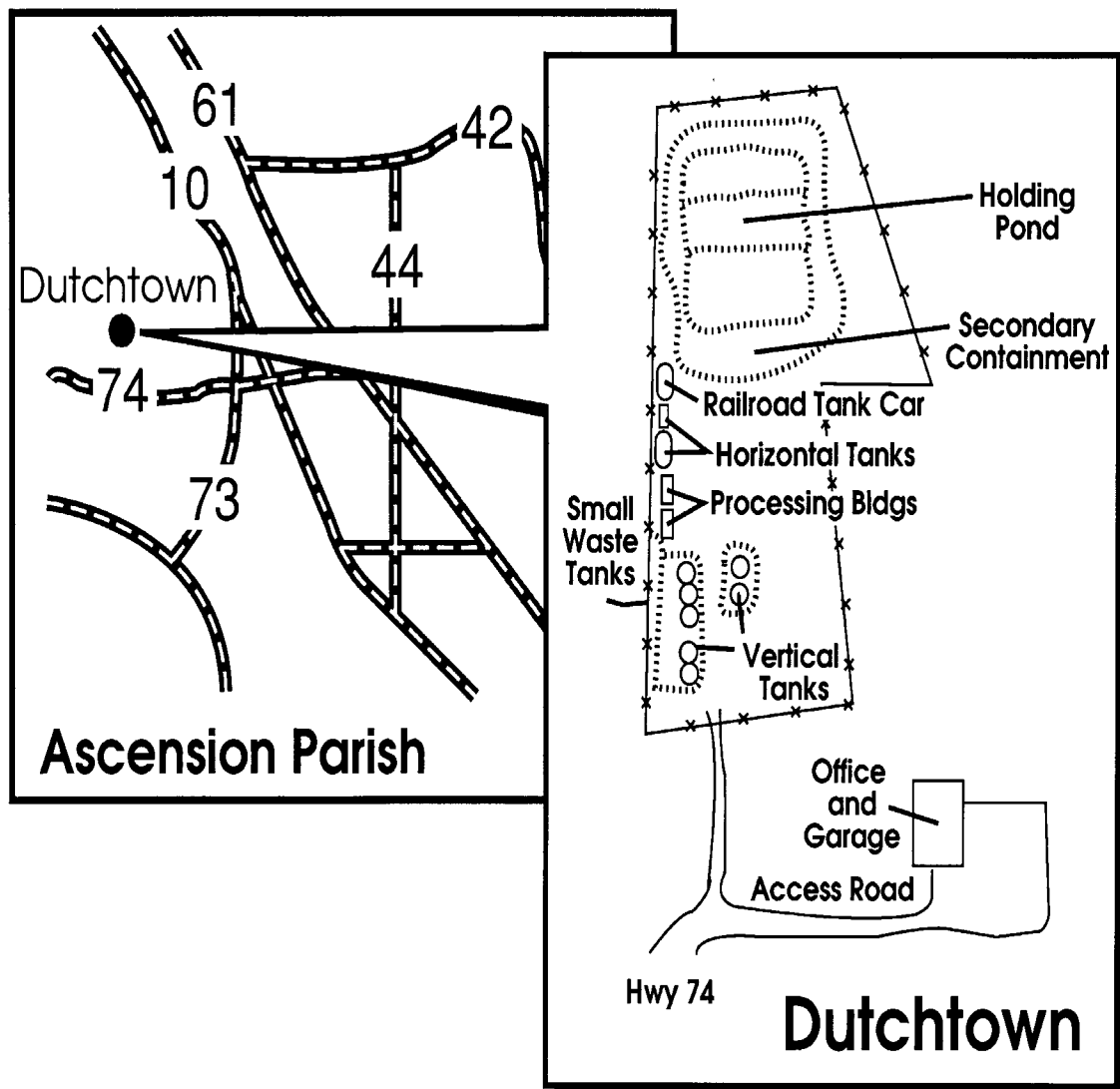
## NATIONAL PRIORITIES LIST

---

NPL Inclusion Proposal Date: January 22, 1987  
NPL Inclusion Final Date: July 22, 1987  
NPL Deletion Proposal Date: September 17, 1999  
NPL Deletion Final Date: November 16, 1999

## SITE MAP

---



## **SITE HISTORY**

---

- 1965-1982: Active oil refinery and reclamation facility
- 1984-1985: State performed an investigation and identified contaminated surface soils, sludges and water. The upper aquifer was also found to be contaminated. Two emergency actions taken to prevent overflow of the on site lagoon/holding pond.
- Mar. 1987: EPA cleaned up a diesel fuel spill that ran off site.
- Mar. 1988: Expedited Response Action (ERA) Memorandum signed by EPA with the Potentially Responsible Parties (PRPs). The EPA initially proposed to expedite the removal of waste using fund monies, but the PRPs petitioned EPA to do the work themselves.
- Aug. 1989: Administrative Order on Consent between EPA and 22 PRPs to begin a comprehensive site study to determine the extent of contamination and to propose remedial alternatives.
- May 23, 1990: Consent Decree between EPA and 22 PRPs for the ERA and Remedial Investigation/Feasibility Study (RI/FS) work approved by U.S. District Court. In addition to the cleanup work, the PRPs also agree to reimburse EPA and the State of Louisiana for past and future oversight cost. The total value of this settlement was approximately \$7.5 million.
- Nov. 1990: PRPs begins the ERA work at the site.
- Aug. 27, 1991: Waste handling phase of ERA completed.
- Oct. 5, 1991: Completion of ERA activities: thermal destruction off site of the ponds and tanks contents and treatment of contaminated soils and contaminated water.
- November 30, 1992: RI Report completed.
- May 19, 1993: FS Report completed.
- Jun. 20, 1994: EPA Record of Decision issued.
- Jul. 11, 1997: Remedial Action (RA) work plans completed.
- Dec. 12, 1997: All RA construction and site maintenance activities completed by PRPs with oversight from EPA and Louisiana Department of Environmental Quality (LDEQ). All Site monitoring wells and the Dutchtown Middle School well have been sampled. RA Report submitted and approved by EPA.
- Jan. 12, 1998: Site Preliminary Close Out Report completed.
- Aug. 24, 1999: Site Final Close Out Report completed.
- Nov. 16, 1999: Site deleted off the National Priorities List via direct final rule.
- Sep. 12, 2002: EPA First Five Year Review completed for the site.

## **ENFORCEMENT HISTORY**

---

- Consent Decree requiring PRPs to conduct ERA and RI/FS signed 5/23/89.
- Unilateral Administrative Order requiring PRPs to conduct RD/RA signed 12/30/96.

## **HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT**

---

- Inhalation of fumes, direct contact with waste pits and storage tanks contents.
- Migration of contaminants into drinking water aquifer.

## RECORD OF DECISION

---

Signed June 20, 1994:

- Completion of the ERA addressed the majority of the pollutants at the site. However, residual contamination in an unusable water bearing zone still exists.
- Natural attenuation of contaminated ground water with contingencies if contaminated ground water migrates out or down from the current location.
- Remedy cost estimate: \$760,197 (assuming contingency measures need not be implemented).
- Other Remedies Considered and Reason Not Chosen: 1. No Action (Not protective); 2. In Site Biological Treatment (Active remediation not warranted); 3 Ground Water Extraction, Treatment, and Discharge (Active remediation not warranted).

## COMMUNITY INVOLVEMENT

---

- Citizens on site mailing list: 334
- Constituency Interest: Citizens concerned about groundwater contamination and supportive of EPA efforts.
- Site Repository: Ascension Parish Library, Gonzales Branch, 708 South Irma Blvd., Gonzales, Louisiana, 70737
- Community Involvement Plan: Developed 05/89
- Open Houses and Workshops: 09/89; 01/90; 10/90
- Proposed Plan Fact Sheet and Formal Public Meeting: 02/88, 10/93
- ROD Fact Sheet: 7/94
- Milestone Fact Sheets: 12/87, 6/88, 9/88, 12/88, 4/89, 2/91, 4/91, 8/97
- The Agency for Toxic Substances and Disease Registry (ATSDR) and the Louisiana Office of Public Health (LOPH) Health Assessment and Update: 9/92, 10/96

## TECHNICAL ASSISTANCE GRANT

---

- Availability Notice: Yes
- Letters of Intent Received: 1) 6/18/88 from Ascension Superfund Coalition (ASK)
- Grant Awarded: 06/01/92
- Final Application Received: 2/23/92
- Grant Award: Signed by EPA on 05/28/92, accepted by applicant on 3/9/94
- Status: No funds were drawn down. Grant was annulled and closed 6/19/98.

## SITE CONTACTS

---

EPA Remedial Project Manager:	Stephen Tzhone	214.665.8409 or 800.533.3508
EPA Site Attorney:	Michael Barra	214.665.2143 or 800.533.3508
EPA Region 6 Ombudsman:	Arnold Ondarza	800.533.3508
LDEQ Louisiana State Contact:	Tom Stafford	225.765.0487 or 800.763.5424

## **REALIZED CLEANUP BENEFITS**

---

- The emergency actions taken to prevent overflow of a contaminated lagoon, cleanup of a diesel fuel spill and capping over a contaminated area at the site have limited the spread of contaminated wastes and greatly lessened the potential for exposure to contaminants at the site, reducing environmental risk for approximately 4,000 people living within 3 miles of the site.